

Title (en)

MEDICAL SENSOR WITH AMPLITUDE INDEPENDENT OUTPUT

Title (de)

MEDIZINISCHER SENSOR MIT AMPLITUDENUNABHÄNGIGEM AUSGANGSSIGNAL

Title (fr)

SONDE MEDICALE A SORTIE INDEPENDANTE DE L'AMPLITUDE

Publication

**EP 0734223 A1 19961002 (EN)**

Application

**EP 95903605 A 19941122**

Priority

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- US 16909393 A 19931217

Abstract (en)

[origin: WO9516388A1] The present invention provides a medical sensor for detecting a blood characteristic. The sensor includes a transducer for producing an analog signal related to the blood characteristic. The analog signal is converted into a transmission signal which is in amplitude-independent form for transmission to a remote analyzer. In one embodiment, a current-to-frequency converter converts a signal from a pulse oximeter sensor into a frequency signal which can be transmitted over a transmission line to a remote pulse oximeter.

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**A61B 5/00**

IPC 8 full level

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See references of WO 9516388A1

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